														309.841			526	502.2					
												New	440	70.740			15.148	14.462					
												All	1654										
AQD #	Name	Stack Height		Inside Diameter		Exit Temperature		Exit Velocity		NOX	SO2	CO	VOC	M202	H_2S	Hr/Yr	Emissions Rate (g/s)						
		feet	meters	feet	meters	F	K	Ft/sec	m/s	PPH	PPH	PPH	PPH	PPH	PPH		PM10		NOx				
																	Short	Long	Short	Long			
2a	ore crusher	23	7.01	3.48	1.06	68	293.2	52.00	15.85	0	0	0	0			8760	0.202	0.202					
2b	ore reclaim	38	11.58	1.08	0.33	68	293.2	91.00	27.74	0	0	0	0			8760							
6a	top silos	133	40.54	1.75x2.0	0.64	96	308.7	82.00	24.99	0	0	0	0			8760	0.038	0.038					
6b	silo reclaim	15.5	4.72	2.15x1.78	0.67	75	297.0	33.00	10.06	0	0	0	0			8760	0.064	0.064					
7	PLO	82	24.99	2.4x1.99	0.75	68	293.2	64.00	19.51	0	0	0	0			8760	0.151	0.151					
8	coal unloading	**AREA SOURCE?**								0	0	0	0			1312	0.806	0.121					
9	coal storage	**AREA SOURCE?**								0	0	0	0			8760	0.050	0.050					
10	coal crushing	13.3	4.05	1.63x1.88	0.60	68	293.2	18.00	5.49	0	0	0	0			8760	0.076	0.076					
11	Coal transfer	35.3	10.76	1.44x1.75	0.55	68	293.2	21.00	6.40	0	0	0	0			8760	0.026	0.026					
14	boiler coal bunker	125	38.10	1.42	0.43	68	293.2	57.00	17.37	0	0	0	0			8760	0.047	0.047					
15	DR 1&2	180	54.86	6	1.83	165	347.0	49.00	14.94	1.2	0	0	0			8760	0.857	0.857	0.151	0.151			
16	product classifier	126	38.40	3.5	1.07	205	369.3	42.00	12.80	0	0	0	0			8760	0.113	0.113					
17	CA 1&2	180.5	55.02	12	3.66	375	463.7	44.00	13.41	30	0	1524	440	32.1		8760	2.810	2.810	3.780	3.780			
18	BO-1	180.5	55.02	7.25	2.21	125	324.8	58.00	17.68	245	70	17.5	0.5			8760	1.260	1.260	30.870	30.870			
19	BO-2	180.5	55.02	7.25	2.21	120	322.0	60.00	18.29	245	70	17.5	0.5			8760	1.260	1.260	30.870	30.870			
24	boiler fly ash silo	25	7.62	1	0.30	83	301.5	41.00	12.50	0	0	0	0			8760	0.038	0.038					
25	AT crush and screen	76	23.16	3.0x1.5	0.73	68	293.2	48.00	14.63	0	0	0	0			8760	0.126	0.126					
26	AT Dryer	67	20.42	3.0x1.5	0.73	100	310.9	58.00	17.68	0.05	0	0.07	0			8760	0.139	0.139	0.006	0.006			
27	AT Bagging & Loadout	60	18.29	1.3x1.5	0.48	68	293.2	62.00	18.90	0	0	0	0			8760	0.063	0.063					
28	Fluid Bed Dryer	140	42.67	4	1.22	165	347.0	40.00	12.19	0	0	0	0			8760	0.365	0.365					
30	Lime Bin #1	88	26.82	0.66	0.20	43	279.3	59.00	17.98	0	0	0	0			8760	0.025	0.025					
31	Lime Bin #2	88	26.82	0.66	0.20	43	279.3	59.00	17.98	0	0	0	0			8760	0.025	0.025					
33	Sulfur Burner	100	30.48	2	0.61	150	338.7	35.00	10.67	1.5	0.4	0	0			8760			0.189	0.189			
35	Sulfite Dryer	103	31.39	2.29	0.70	129	327.0	48.00	14.63	0	0	0	0			8760	0.176	0.176					
36	Sulfite Bin #1	60	18.29	0.49	0.15	149	338.2	84.90	25.88	0	0	0	0			8760	0.013	0.013					
37	Sulfite Bin #2	60	18.29	0.49	0.15	149	338.2	84.90	25.88	0	0	0	0			8760	0.013	0.013					
38	Sulfite Bin #3	60	18.29	0.49	0.15	149	338.2	84.90	25.88	0	0	0	0			8760	0.013	0.013					
39	Sulfite Bin #4	60	18.29	0.49	0.15	149	338.2	84.90	25.88	0	0	0	0			8760	0.013	0.013					
40	Sulfite Bagging	60	18.29	1	0.30	149	338.2	51.00	15.54	0	0	0	0			8760							
41	Sulfite Loadout	70	21.34	1	0.30	149	338.2	70.00	21.34	0	0	0	0			8760	0.024	0.024					
43	Sulfur Storage Tank	**AREA SOURCE?**								0	0	0	0		10	259							
44	Lime Unloading	30	9.14	1.51	0.46	43	279.3	61.00	18.59	0	0	0	0			8760	0.113	0.113					
45	AT Transloading	17.8	5.43	0.9	0.27	68	293.2	29.00	8.84	0	0	0	0			8760	0.025	0.025					
46	Trona Transfer	12.5	3.81	2.2	0.67	68	293.2	46.00	14.02	0	0	0	0			8760	0.089	0.089					
47	Exp Crusher	125	38.10	4.5	1.37	68	293.2	45.00	13.72	0	0	0	0			8760	0.365	0.365					
48	CA-3	180	54.86	10.5	3.20	350	449.8	32.00	9.75	15	0	762	320	9.24		8760	1.172	1.172	1.890	1.890			
50	Dryer Area	180	54.86	4.5	1.37	200	366.5	27.00	8.23	0	0	0	0			8760	0.175	0.175					
51	DR-5	180	54.86	8	2.44	300	422.0	33.00	10.06	18	0	2.4	0.27			8760	0.605	0.605	2.268	2.268			
52	Silo Top #2	141	42.98	1.5	0.46	68	293.2	50.00	15.24	0	0	0	0			8760	0.063	0.063					
53	Silo Bottom #2	30	9.14	2.8	0.85	68	293.2	36.00	10.97	0	0	0	0			8760	0.113	0.113					
54	T-200 Silo	64.2	19.57	0.59	0.18	68	293.2	79.00	24.08	0	0	0	0			8760	0.024	0.024					
55	Ore recycle/reclaim	64	19.51	1.3	0.40	68	293.2	50.00	15.24	0	0	0	0			8760	0.050	0.050					
62	Carbon Silo	91	27.74	0.5	0.15	68	293.2	85.00	25.91	0	0	0	0			8760	0.016	0.016					
63	Perlite Silo	58	17.68	0.5	0.15	68	293.2	102.00	31.09	0	0	0	0			8760	0.021	0.021					
64	Sulfite Blending #2	15	4.57	0.5	0.15	68	293.2	96.00	29.26	0	0	0	0			8760	0.019	0.019					
65	Sulfite Blending #1	35	10.67	0.75	0.23	68	293.2	15.00	4.57	0	0	0	0			8760	0.025	0.025					
66	Carbon/Perlite Scrubber	125	38.10	1	0.30	68	293.2	75.00	22.86	0	0	0	0			8760	0.113	0.113					
67	Bottom Ash	125	38.10	1.5	0.46	100	310.9	33.00	10.06	0	0	0	0			8760	0.038	0.038					
68	Bagging Trona Silo	82	24.99	1667x0.97	0.37	68	293.2	77.00	23.47							8760	0.045	0.045					
70	Bagging Sulfite Silo	82	24.99	6250x0.84	0.40	68	293.2	49.00	14.94							8760	0.034	0.034					
71	Bagging MBS Silo	82	24.99	6250x0.84	0.40	68	293.2	49.00	14.94							8760	0.034	0.034					
72	MBS Soda Ash Feed	60.67	18.49	0.6667	0.20	200	366.5	53.00	16.15							8760	0.014	0.014					
73	MBS Dryer	95	28.96	2	0.61	90	305.4	56.00	17.07	0.15	0.77					8760	0.151	0.151	0.019	0.019			

1.6

.073 g/s

																			Emissions Rate (g/s)			
AQD #	Name	Stack Height		Inside Diameter		Exit Temperature		Exit Velocity		NOX	SO2	CO	VOC	M202	H_2S	Hr/Yr	PM10		NOx	
		feet	meters	feet	meters	F	K	Ft/sec	m/s	PPH	PPH	PPH	PPH	PPH	PPH		Short	Long	Short	Long
	New expansion sources																			
74	North Headframe	105	32.00	1.33	0.41	60	288.7	59.68	18.19							8760	0.043	0.043		
75	Primary Crushing	25	7.62	1.33	0.41	60	288.7	59.68	18.19							8760	0.043	0.043		
76	Primary Screening	25	7.62	4.42	1.35	60	288.7	58.75	17.91							8760	0.466	0.466		
77	Transfer BH 101	40	12.19	1.08	0.33	60	288.7	58.77	17.91							8760	0.028	0.028		
78	Transfer BH 102	70	21.34	1.25	0.38	60	288.7	54.32	16.56							8760	0.034	0.034		
79	Transfer Point	70	21.34	1.08	0.33	60	288.7	54.25	16.54							8760	0.026	0.026		
80	Calciner #4 ESP	180	54.86	9.83	3.00	338	443.2	57.93	17.66	20		1048	440	29.4		8760	1.503	1.503	2.520	2.520
81	Product Dryer Area BH	180	54.86	3.58	1.09	250	394.3	57.85	17.63							8760	0.219	0.219		
82	Dryer #6 ESP	180	54.86	7.08	2.16	305	424.8	58.37	17.79	30		14	0.27			8760	0.514	0.514	3.780	3.780
83	Silo Top	130	39.62	1.42	0.43	200	366.5	56.03	17.08							8760	0.037	0.037		
84	Silo Bottom	50	15.24	2.00	0.61	200	366.5	58.35	17.79							8760	0.074	0.074		
85	Package Boiler Stack	140	42.67	3.00	0.91	325	435.9	50.00	15.24	1.9	0.03	4.5	0.14			8760	0.060	0.060	0.239	0.239
	Non-permitted, odd-ball sources									51.9	0.0	1067	440	29.4			3.048	0.000	6.539	0.000
MV	Mine Vent		0.00		0.00		255.4		0.00			7.5				8760				
CTH	Cooling Tower High Flow	15	4.57		0.00	68	293.2		0.00							8760	2.155	2.155		
CTL	Cooling Tower Low Flow	15	4.57		0.00	68	293.2		0.00							8760	0.790	0.790		
FRP	Fire Pump	10	3.05	0.25	0.08	500	533.2		0.00	8.8	0.4	2	0.8			500	0.101	0.006	1.109	0.063
GND	C/S Generator	10	3.05	0.17	0.05	500	533.2		0.00	4.8	0.4	1.2	0.4			500	0.050	0.003	0.605	0.035
GNS	Steam Plant Generator	15	4.57	0.33	0.10	500	533.2		0.00	104	7.2	22.4	10.4			500	0.907	0.052	13.104	0.748
PB	Pony Boiler	12	3.66	0.83	0.25	500	533.2		0.00	4	1.2	0.8	0.04			500	0.050	0.003	0.504	0.029

All 1654

137,879